INTERNATIONAL SEARCH REPORT

International application No.

	PCT/JP20		2004/004634	
A. CLASSIFI Int.Cl	CATION OF SUBJECT MATTER 7 H01L21/304, B08B3/04, B08B7	/00, G03F1/08		
According to In	ternational Patent Classification (IPC) or to both natio	nal classification and IPC		
B. FIELDS SE	· · · · · · · · · · · · · · · · · · ·			
Minimum docur	nentation searched (classification system followed by	classification symbols)		
Int.Cl	7 H01L21/304, B08B3/04, B08B7	/00, G03F1/08		
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Documentation:	searched other than minimum documentation to the ex Shinan Koho 1940–1996 7	tent that such documents a	re included in the	
Kokai J	itsuyo Shinan Koho 1971-1996 3	Coroku Jitsuyo Shi Jitsuyo Shinan Tor	roku Koho	1994-2004 1996-2004
Electronic data b	pase consulted during the international search (name o	f data base and, where prac	ticable, search te	ms used)
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C. DOCUMEN	VTS CONSIDERED TO BE RELEVANT	•		
Category*	Citation of document, with indication, where		passages	Relevant to claim No.
Х .	JP 2001-334217 A (Sprout Co	., Ltd.),		1-6,11-18,
Y	04 December, 2001 (04.12.01), Page 9, left column, line 25 to right column,			23-32 7-10,19-22
	line 1; Fig. 8 & US 2001/0037818 A1 08 November, 2001 (08.11.01), Page 7, left column, lines 16 to 46; Fig. 8			7-10,19-22
				•
Υ .	JP 2-99175 A (Hitachi Electronics Engineering Co., Ltd.), 11 April, 1990 (11.04.90), Page 1, lower right column, line 10 to page 2, upper right column, line 6			7-10,19-22
_				1-10,19-22
•	(Family: none)			
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Further doc	cuments are listed in the continuation of Box C.	See patent family	annex.	
Special categories of cited documents: "I later document published after the international filing date or p				
to be of partic	to be of particular relevance date and not is conflict with the application be of particular relevance the principle or theory underlying the im-			on but cited to understand
filing date	filing date considered not		ticular relevance; the claimed invention cannot be all or cannot be considered to involve an inventive	
document wi	nich may throw doubts on priority claim(s) or which is blish the publication date of another citation or other	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination		
special reason	n (as specified)			
P document published prior to the international filing date but later than being obvious to a person skilled in the s			rt	
the priority di	ate clauned	"&" document member of	the same patent fan	ujja
Date of the actual completion of the international search		Date of mailing of the international search report		
06 July	, 2004 (06.07.04)	03 August, 2004 (03.08.04)		
	address of the ISA/	Authorized officer		
Japanes	e Patent Office			
acsimile No.		Telephone No.		
m PC1/ISA/210	(second sheet) (January 2004)	•		